

IN THE CLAIMS

1. (currently amended) An emulation apparatus, operable within an first information processing apparatus, for enabling the first information processing apparatus to emulate a processing capability of a second information processing apparatus so that the first information processing apparatus can better execute a software program that was originally intended for execution by the second information processing apparatus, said emulation apparatus comprising:

determining means for determining, ~~whether a~~ when the software program is being executed by the first information processing apparatus, whether the software program has requested a change of a ~~the~~ processing capability of the first information processing apparatus; and

adjusting means for changing, when said determining means determines that the software program has requested the change of the processing capability, a value of a processing parameter of ~~in the~~ first information processing apparatus based on a stored change parameter associated with the software program, the change in the value of the processing parameter thereby adjusting the processing capability of the first information processing apparatus ~~when said determining means determines that the software program has requested the change of the processing capability.~~

2. (previously presented) The emulation apparatus according to claim 1, wherein said emulation apparatus is operable within an entertainment apparatus that includes a pair of processors operating in a master-slave relationship determined by the software program.

3. (currently amended) The emulation apparatus according to claim 1, wherein said determining means determines whether the software program has requested a change of the processing capability of the information processing apparatus is

~~to be changed by~~ identifying whether a medium that stores the software program ~~is~~ was originally intended for a host machine or for a subordinate machine.

4. (previously presented) The emulation apparatus according to claim 1, wherein the software program includes first binary information, and when said determining means determines that the software program has requested the change of the processing capability, said adjusting means changes the value of the processing parameter by converting the first binary information into further binary information that is executable by the information processing apparatus.

5. (previously presented) The emulation apparatus according to claim 1, wherein said adjusting means reads the change parameter recorded in a device selected from the group consisting of: an internal recording medium, a non-rewritable recording medium loaded into the information processing apparatus, and a rewritable recording medium loaded into the information processing apparatus, and said adjusting means changes the processing capability based on the read change parameter.

6. (previously presented) The emulation apparatus according to claim 2, wherein said adjusting means reads the change parameter recorded in a device selected from the group consisting of: an internal recording medium, a non-rewritable recording medium loaded into the information processing apparatus, and a rewritable recording medium loaded into the information processing apparatus, and said adjusting means changes the processing capability based on the read change parameter.

7. (previously presented) The emulation apparatus according to claim 3, wherein said adjusting means reads the change parameter recorded in a device selected from the group consisting of: an internal recording medium, a non-rewritable

recording medium loaded into the information processing apparatus, and a rewritable recording medium loaded into the information processing apparatus, and said adjusting means changes the processing capability based on the read change parameter.

8. (previously presented) The emulation apparatus according to claim 4, wherein said adjusting means reads the change parameter recorded in a device selected from the group consisting of: an internal recording medium, a non-rewritable recording medium loaded into the information processing apparatus, and a rewritable recording medium loaded into the information processing apparatus, and said adjusting means changes the processing capability based on the read change parameter.

9. (previously presented) The emulation apparatus according to claim 5, wherein said adjusting means selects the device from which the change parameter is read according to the following order of priority: (i) the rewritable recording medium, (ii) the non-rewritable recording medium, and (iii) the internal recording medium.

10. (previously presented) The emulation apparatus according to claim 6, wherein said adjusting means selects the device from which the change parameter is read according to the following order of priority: (i) the rewritable recording medium, (ii) the non-rewritable recording medium, and (iii) the internal recording medium.

11. (previously presented) The emulation apparatus according to claim 7, wherein said adjusting means selects the device from which the change parameter is read according to the following order of priority: (i) the rewritable recording medium, (ii) the non-rewritable recording medium, and (iii) the internal recording medium.

12. (previously presented) The emulation apparatus according to claim 8, wherein said adjusting means selects the device from which the change parameter is read according to the following order of priority: (i) the rewritable recording medium, (ii) the non-rewritable recording medium, and (iii) the internal recording medium.

13. (previously presented) The emulation apparatus according to claim 5, wherein the processing parameter is a speed for processing an operation implemented by the software program, and said adjusting means adjusts the processing speed to a value determined by the change parameter.

14. (previously presented) The emulation apparatus according to claim 6, wherein the processing parameter is a speed for processing an operation implemented by the software program, and said adjusting means adjusts the processing speed to a value determined by the change parameter.

15. (previously presented) The emulation apparatus according to claim 7, wherein the processing parameter is a speed for processing an operation implemented by the software program, and said adjusting means adjusts the processing speed to a value determined by the change parameter.

16. (previously presented) The emulation apparatus according to claim 8, wherein the processing parameter is a speed for processing an operation implemented by the software program, and said adjusting means adjusts the processing speed to a value determined by the change parameter.

17. (currently amended) An emulation apparatus, operable within an first information processing apparatus, for enabling the first information processing apparatus to emulate a processing capability of a second information processing apparatus so that the first information processing apparatus can better execute a software program that was originally intended

for execution by the second information processing apparatus, said emulation apparatus comprising:

determining means for determining, ~~whether a~~ when the software program is being executed by the first information processing apparatus, whether the software program has requested a change of a ~~the~~ processing capability of the first information processing apparatus; and

adjusting means for, when said determining means determines that the software program has requested the change of the processing capability, changing a functional configuration of at least part of the first information processing apparatus to a predetermined functional configuration and for changing a value of a processing parameter of ~~in~~ the at least part of the first information processing apparatus based on a stored change parameter associated with the software program, the change in the functional configuration and in the value of the processing parameter thereby adjusting the processing capability of the at least part of the first information processing apparatus ~~when said determining means determines that the software program has requested the change of the processing capability.~~

18. (previously presented) The emulation apparatus according to claim 17, wherein said emulation apparatus is operable within an entertainment apparatus that includes a pair of processors operating in a master-slave relationship determined by the software program.

19. (currently amended) The emulation apparatus according to claim 17, wherein said determining means determines whether the software program has requested a change of the processing capability of the information processing apparatus ~~is to be changed by~~ identifying whether a medium that stores the software program ~~is~~ was originally intended for a host machine or for a subordinate machine.

20. (previously presented) The emulation apparatus according to claim 17, wherein the software program includes first binary information, and when said determining means determines that the software program has requested the change of the processing capability, said adjusting means changes the value of the processing parameter by converting the first binary information into further binary information that is executable by the information processing apparatus.

21. (previously presented) The emulation apparatus according to claim 17, wherein said adjusting means reads the change parameter recorded in a device selected from the group consisting of: an internal recording medium, a non-rewritable recording medium loaded into the information processing apparatus, and a rewritable recording medium loaded into the information processing apparatus, and said adjusting means changes the processing capability based on the read change parameter.

22. (previously presented) The emulation apparatus according to claim 18, wherein said adjusting means reads the change parameter recorded in a device selected from the group consisting of: an internal recording medium, a non-rewritable recording medium loaded into the information processing apparatus, and a rewritable recording medium loaded into the information processing apparatus, and said adjusting means changes the processing capability based on the read change parameter.

23. (previously presented) The emulation apparatus according to claim 19, wherein said adjusting means reads the change parameter recorded in a device selected from the group consisting of: an internal recording medium, a non-rewritable recording medium loaded into the information processing apparatus, and a rewritable recording medium loaded into the information processing apparatus, and said adjusting means

changes the processing capability based on the read change parameter.

24. (previously presented) The emulation apparatus according to claim 20, wherein said adjusting means reads the change parameter recorded in a device selected from the group consisting of: an internal recording medium, a non-rewritable recording medium loaded into the information processing apparatus, and a rewritable recording medium loaded into the information processing apparatus, and said adjusting means changes the processing capability based on the read change parameter.

25. (previously presented) The emulation apparatus according to claim 21, wherein said adjusting means selects the device from which the change parameter is read according to the following order of priority: (i) the rewritable recording medium, (ii) the non-rewritable recording medium, and (iii) the internal recording medium.

26. (previously presented) The emulation apparatus according to claim 22, wherein said adjusting means selects the device from which the change parameter is read according to the following order of priority: (i) the rewritable recording medium, (ii) the non-rewritable recording medium, and (iii) the internal recording medium.

27. (previously presented) The emulation apparatus according to claim 23, wherein said adjusting means selects the device from which the change parameter is read according to the following order of priority: (i) the rewritable recording medium, (ii) the non-rewritable recording medium, and (iii) the internal recording medium.

28. (previously presented) The emulation apparatus according to claim 24, wherein said adjusting means selects the device from which the change parameter is read according to the following order of priority: (i) the rewritable recording

medium, (ii) the non-rewritable recording medium, and (iii) the internal recording medium.

29. (previously presented) The emulation apparatus according to claim 21, wherein said adjusting means adjusts the functional configuration of the information processing apparatus to a normal mode or to an emulation mode.

30. (previously presented) The emulation apparatus according to claim 22, wherein said adjusting means adjusts the functional configuration of the information processing apparatus to a normal mode or to an emulation mode.

31. (previously presented) The emulation apparatus according to claim 23, wherein said adjusting means adjusts the functional configuration of the information processing apparatus to a normal mode or to an emulation mode.

32. (previously presented) The emulation apparatus according to claim 24, wherein said adjusting means adjusts the functional configuration of the information processing apparatus to a normal mode or to an emulation mode.

33. (currently amended) An emulation part, operable within ~~an~~ first information processing apparatus, for enabling the first information processing apparatus to emulate a processing capability of a second information processing apparatus so that the first information processing apparatus can better execute a software program that was originally intended for execution by the second information processing apparatus, said emulation part comprising:

means for reading, when ~~a~~ the software program is being executed by the first information processing apparatus and has requested a change of ~~a~~ the processing capability of the first information processing apparatus, contents of the request;

means for reading a stored change parameter from ~~recorded in a~~ device selected from the group consisting of: an internal recording medium, a non-rewritable recording medium,

and a rewritable recording medium, the stored change parameter being associated with the software program; and

means for changing a value of a processing parameter ~~of~~ in the first information processing apparatus based on the read change parameter, the change in the value of the processing parameter thereby adjusting the processing capability of the first information processing apparatus.

34. (currently amended) An ~~emulation method executed by~~ enabling a first information processing apparatus to emulate a processing capability of a second information processing apparatus so that the first information processing apparatus can better execute a software program that was originally intended for execution by the second information processing apparatus, said ~~emulation method~~ comprising:

determining, ~~whether a~~ when the software program is being executed by the first information processing apparatus, whether the software program has requested a change of a ~~the~~ processing capability of the first information processing apparatus; and

when it is determined that the software program has requested the change of the processing capability, changing a value of a processing parameter ~~of~~ in the first information processing apparatus based on a stored change parameter associated with the software program, the change in the value of the processing parameter thereby adjusting the processing capability of the first information processing apparatus ~~when it is determined that the software program has requested the change of the processing capability.~~

35. (currently amended) A recording medium readable by an first information processing apparatus and having recorded thereon a software program for executing ~~carrying out an emulation method of enabling the first information processing apparatus to emulate a processing capability of a second~~

information processing apparatus so that the first information processing apparatus can better execute a further software program that was originally intended for execution by the second information processing apparatus, said emulation—method comprising:

determining, ~~whether a~~ when the further software program is being executed by the first information processing apparatus, whether the further software program has requested a change of a—the processing capability of the first information processing apparatus; and

when it is determined that the further software program has requested the change of the processing capability, changing a value of a processing parameter ~~of~~ in the first information processing apparatus based on a stored change parameter associated with the further software program, the change in the value of the processing parameter thereby adjusting the processing capability of the first information processing apparatus—when it is determined that the software program has requested the change of the processing capability.

36. (currently amended) A recording medium readable by an information processing apparatus, the information processing apparatus including a host machine and an emulation part, the emulation part being capable of ~~changing its enabling~~ the information processing apparatus to emulate a processing capability in accordance with ~~of~~ a subordinate machine so that the information processing apparatus can better execute a software program when the software program was originally intended for execution by the subordinate machine~~being executed~~, the software program being recorded on and being readable from the recording medium, said recording medium comprising:

a first area which is readable by the information processing apparatus before execution of the software program and in which is recorded a type code indicating whether the

software program is intended to be run on a the host machine or on a the subordinate machine ~~and being used by the information processing apparatus to change its processing capability accordingly;~~ and

a second area which is readable by the information processing apparatus during execution of the software program when the type code indicates that the software program was originally intended to be run on the subordinate machine and in which is recorded a change parameter, which identifies a processing parameter of the information processing apparatus and which the change parameter defines a change in the value of the a processing parameter in the information processing apparatus, the change in the value of the processing parameter being read from said second area ~~when the software program requests a change of~~ thereby adjusting the processing capability of the information processing apparatus.

37. (currently amended) In a first information processing apparatus, a processor that executes a software program for carrying out an emulation method of enabling the first information processing apparatus to emulate a processing capability of a second information processing apparatus so that the first information processing apparatus can better execute a software program that was originally intended for execution by the second information processing apparatus, said ~~emulation~~ method comprising:

determining, whether a when the further software program is being executed by the first information processing apparatus, whether the further software program has requested a change of a the processing capability of the first information processing apparatus; and

when it is determined that the further software program has requested the change of the processing capability, changing a value of a processing parameter ~~of~~ in the first

information processing apparatus based on a stored change parameter associated with the further software program, the change in the value of the processing parameter thereby adjusting the processing capability of the first information processing apparatus ~~when it is determined that the software program has requested the change of the processing capability.~~